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RIVER TEES PORT HEALTH AUTHORITY

MINISTRY OF HEALTH
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SIXTY-FIFTH

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

((ERIC C. DOWNER, M.A., D.P.H.).

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H. & F. Stokeld, Printers, Grange Road,
MIDDLESBROUGH.
1952.

RIVER TEES PORT HEALTH AUTHORITY.

LIST OF MEMBERS, 1951-1952.

Middlesbrough :

*Alderman L. G. Allen.
Councillor W. Breckon.
Councillor T. Farthing.
Councillor F. J. Longstaff, J.P.
Councillor J. Loughran.
Councillor H. O'Kane.
Councillor A. E. Storman.
Councillor W. J. Story.

Stockton-on-Tees :

*Alderman J. Claxton Hudson, J.P.
Councillor Christopher Hammond.
Councillor E. V. Mason.
Councillor G. W. Mills.

Stockton R.D.C. :

Councillor F. B. Battersby.
*Councillor E. A. Ward.

Thornaby :

*Councillor C. Anderton.
Councillor E. Shepherd.

Redcar :

Alderman S. G. Shillito.
*Alderman J. S. Dixon.

Eston :

*Councillor J. Ginty.
Councillor H. Healey.
Councillor T. Reed.

Billingham :

Councillor W. Crossley.
*Councillor The Rev. J. H. B. Darling.
*Councillor O. Evitts, J.P.

* These members are also members of the Finance Committee.

MEDICAL AND INSPECTORIAL STAFF OF THE PORT HEALTH AUTHORITY 1951.

Medical Officer—ERIC C. DOWNER, M.A., D.P.H.
Deputy Medical Officer—J. C. BIRCHALL, M.B., Ch.B., D.P.H.
Assistant Medical Officer—A. W. HAY, M.B., B.S., D.P.H.
Chief Port Health Inspector—A. NIELSON JONES, C.R.S.I., Cert. Master Mariner.
Assistant Port Health Inspector—G. A. RICHARDS, C.R.S.I., Cert. Master Mariner.
Assistant Port Health Inspector—C. R. ENGLISH, C.R.S.I., Cert. Master Mariner.
Rat Searchers—T. WARWICK and J. BUCKTON.
Clerk/Typist—MRS. M. D. SANDERSON.
Launch Coxswain—E. GUY.
Launch Deck Hand—B. STOTT.

RIVER TEES PORT HEALTH AUTHORITY.

26, Southfield Road,
Middlesbrough.

To The Chairman and Members of the
River Tees Port Health Authority.

Mr. Chairman and Gentlemen,

I have pleasure in submitting my Annual Report for the year ending 31st December, 1951, the first complete year in which I have had the honour to hold the post of your Port Medical Officer.

The report has been drawn up in the same framework as those of recent years.

The fact that the Medical Officer of Health of the largest riparian Authority on the River Tees is also Port Medical Officer has continued to result in easy co-operation for the defence of the people of Tees-side against the importation of infectious disease or contaminated or harmful food or other imports.

The Medical, Inspectorial and Clerical Staff of the Port Health Authority remains the same as last year.

During this year we have had, as before, most ready co-operation and help at all times from the Harbourmaster and his Department, the Superintendent of Customs and the Customs Officers, the ship owners and their agents and the Masters and personnel of the ships with which we have had to deal. A very happy atmosphere pervades the Port.

On two occasions only have we had to complain that an instruction or a suggestion given has failed to obtain prompt compliance, and on one occasion prosecution had to be initiated with the result that the offending Master was fined. In one more case a prosecution at the end of the year was pending. But when one contrasts these two isolated cases with the ready co-operation and courtesy we receive in hundreds of others, they dwindle into insignificance.

My Medical colleagues have carried out their duties with zeal and to my satisfaction, and Chief Inspector Jones and Inspectors Richards and English have maintained their high standard of previous years. By their tact and courtesy and their understanding of ships and shipping, they have helped to build up a very happy relationship where friendly suggestion is the rule of the day rather than official order.

The Rodent Officers and the Coxswain and Deck Hand of the Launch Mercie II have faithfully discharged their duties.

We have also had great help from the Port Health Authorities of other rivers and great Ports and the very invaluable exchange of information that constantly goes on between us greatly aids our work.

The hospitals, particularly West Lane Isolation Hospital for infectious cases have been most helpful in taking in cases at our request or at the request of doctors attending the ships and the Ambulance Service has been prompt in the removal of such cases.

The Cleveland Hospital Management Committee at West Lane Hospital have continued to afford us facilities for the disinfection of linen or infected goods.

It was with pleasure that we escorted a number of members of the Committee when they were kind enough to come and inspect the Port and our work therein in person. We hope that they will frequently do that as the more interested they are in the practical work of the Port the more are we encouraged.

Lastly, Mr. Chairman and Gentlemen, I should like to thank you for your kindness and support throughout the year.

I have the honour to be, Mr. Chairman and Gentlemen,

Your obedient servant,

ERIC C. DOWNER,

Port Medical Officer.

TABLE A.

I. Amount of Shipping Entering the Port during the Year.

		Number	Tonnage	No. Inspected		Number Reported to be defective	Number of Vessels on which defects were remedied	No. of Vessels on which defects were found and reported to Ministry of Transport Surveyors	No. of Vessels reported as having or having had during the voyage infectious disease on board
				By the Medical Officer of Health	By the Port Health Inspector				
Foreign	Steamers ...	886	2,074,870	254	885	48	36	—	13
	*Motor ...	737	621,003	46	736	3	2	—	4
	Sailing ...	—	—	—	—	—	—	—	—
	Fishing ...	2	466	2	2	—	—	—	—
Total Foreign...		1,625	2,696,339	302	1,623	51	38	—	17
Coastwise	Steamers	546	221,016	2	538	3	1	—	3
	*Motor	800	246,472	—	779	4	—	—	—
	Sailing ...	—	—	—	—	—	—	—	—
	Fishing	8	1,203	—	7	—	—	—	—
Total Coastwise ...		1,354	468,691	2	1,324	7	1	—	3
Total Foreign and Coastwise ...		2,979	3,165,030	304	2,947	58	39	—	20

* Includes mechanically propelled vessels other than steamers.

Of those vessels on which defects have not been recorded as remedied the majority were dealt with at other ports to which the vessels proceeded from the Tees for repairs.

II. CHARACTER OF TRADE OF PORT.

TABLE B.

(A).—PASSENGER TRAFFIC DURING THE YEAR.

No. of Passengers	Cabin Class only	Transmigrants
INWARDS—		
British	234	Nil
Aliens	80	Nil
OUTWARDS—		
British	632	Nil
Aliens	204	Nil

Does not include ships' personnel arriving and departing, nor does it include passengers arriving and leaving with the same vessel.

(B).—CARGO TRAFFIC.

IMPORTS INTO THE RIVER TEES FOR THE YEAR ENDED 31st OCTOBER, 1951.
(Figures supplied by the courtesy of the General Manager of the Tees Conservancy Commission).

	Tons
ORES :	
Iron	2,288,365
Manganese	137,244
Chrome	14,412
IRON AND STEEL:	
Pig Iron	20
Billets, etc.	7,559
Manufactured	2,537
Scrap	128,782
Machinery	1,462
Coal	7,258
Loam	22,153
Chemical Manures	84,009
Oil, Fuel etc.	71,671
Oil Creosote	49,470
Petrol, etc.	18,458
Corn and Wheat	26,225
Provisions	3,094
Sugar	4,630
Paper	343
Wood	10,707
Magnesite	1,125

	Tons
Chemicals	2,998
Glass	39
Bags	3,451
Phosphate Rock	115,592
Sulphur (Crude)	27,950
Sundry Goods	13,036
TOTAL IMPORTS	3,042,590 *Tons*

EXPORTS FROM THE RIVER TEES DURING THE YEAR ENDED 31st OCTOBER, 1951.
(Figures supplied by the courtesy of the General Manager of the Tees Conservancy Commission).

	Tons
Iron and Steel :	
Pig Iron	6,762
Rails and Fishplates	51,421
Castings	64,680
Angles, Bars and Plates	297,059
Bridgework	1,625
Joists, etc.	13,238
Scrap	3,423
Galvanised Sheets	5,056
Machinery	27,435
Carriage and Wagon-work	1,295
Wire (of all kinds)	5,955
Manufactures (other than above) ...	9,637
Coal Cargo	205,495
Coal bunker (over 500 tons)	23,943
Coke	20,329
Salt	3,092
Sulphate of Ammonia	329,526
Chemicals (other than Sulphate of Ammonia)	45,472
Pitch and Tar	81,038
Oil—Creosote	26,438
Benzole	21,576
Petrol	12,278
Slag Rough	150,893
Glass and Earthenware	2,681
Paint, etc.	4,170
Paper	465
Slag Wool	887
Cement	51
Corn	4,166
Sundry Goods	26,379
TOTAL EXPORTS ...	1,446,465 *Tons*

(C). MEDICAL INSPECTION OF ALIENS.

ANNUAL RETURN BY THE MEDICAL INSPECTOR OF ALIENS FOR THE YEAR ENDED 31st DECEMBER, 1951.

	Total	Number inspected by the Medical Inspector	Number subjected to detailed examination by the Medical Inspector	Certificates issued.					Transmigrants.
				Lunatic Idiot or M.D.	Undesirable for Medical reasons	Physically incapacitated	Suffering from Acute Infectious Disease	Landing necessary for adequate Medical Examination	
(a) Total Number of Aliens landing at the Port	*80	46	4	–	–	–	–	–	–
(b) Aliens refused permission to land by the Immigration Officer	‡15	Nil	15	–	–	–	–	–	–
(c) Transmigrants ...	Nil	Nil	Nil	–	–	–	–	–	–
Total Aliens arriving at the Port ...	95	46	19	–	–	–	–	–	–

‡ All stowaways (6 coloured and 9 white).

* This figure includes a number of seamen under contract arriving at the Port as passengers and leaving as members of the crew.

In addition, 383 Alien passengers arrived at the Port and were granted temporary shore leave during the vessels' stay at the Port.

SEAMEN TREATED AT THE SPECIAL TREATMENT CENTRE, MIDDLESBROUGH GENERAL HOSPITAL, 1951.

Total number of Seamen who attended ...	298
British Seamen	117
British Commonwealth Seamen	36
Foreign Seamen	145

Nationality of Seamen.		Number treated.
British (including Northern Ireland) ...		117
British Commonwealth—	Aden	2
	East Africa ...	1
	India and Pakistan	15
	Malta G.C. ...	1
	Mauritius ...	1
	Somaliland ...	5
	South Africa ...	3
	West Indies ...	8
Foreign :—	America ...	1
	Belgium ...	1
	China	3
	Denmark ...	16
	Egypt	1
	Estonia	7
	Finland	12
	France and Colonies	4
	Germany ...	2
	Greece	17
	Holland	5
	Italy	6
	Japan	1
	Latvia	4
	Norway	19
	Poland	4
	Portugal	2
	Spain	3
	Sweden	37
		298

PARROTS (Prohibition of Imports) REGULATIONS.

There were two instances of parrots found on board vessels and in each case, written undertakings were given that the birds would either be destroyed or not landed.

TABLE C.

CASES OF INFECTIOUS SICKNESS LANDED FROM VESSELS.

Disease.	Number of cases during 1951		Number of vessels concerned	Average for previous five years.
	Passengers	Crew		
Chicken Pox	–	–	–	1.8
Measles	–	–	–	.4
Influenza	–	5	3	3.2
Diphtheria	–	–	–	.4
Dysentery	–	–	–	.2
Malarial Fever	–	6	4	6.2
Mumps	–	1	1	–
Pneumonia	–	2	2	1.2
Tuberculosis	–	4	4	.6
Typhoid Fever	–	–	–	–
Smallpox	–	–	–	–
Scarlet Fever	–	–	–	.2
TOTALS ...	–	18	14	14.2

TABLE D.

CASES OF INFECTIOUS SICKNESS OCCURRING ON VESSELS during the voyage, but disposed of prior to arrival.

Disease.	Number of cases during 1951		Number of vessels concerned.	Average for previous five years.
	Passengers	Crew		
Chicken Pox	–	–	–	.6
Dysentery	–	1	1	.2
Malarial Fever	–	15	3	8.0
Influenza	–	–	–	.2
Measles	–	–	–	.2
Pneumonia	–	1	1	1.0
Diphtheria	–	–	–	.2
Scarlet Fever	–	–	–	Nil
Tuberculosis	–	1	1	.6
Erysipelas	–	–	–	.2
Mumps	–	–	–	.2
German Measles	–	–	–	–
Anthrax	–	–	–	–
Paratyphoid Fever	–	3	1	.4
Smallpox	–	–	–	.2
Typhoid Fever	–	–	–	1.4
TOTALS ...	–	21	7	13.4

TUBERCULOSIS.

S/S "Urbino". Arrived at the Port on 16th March from Indian ports via Liverpool and Dunkirk. One of the lascar seamen was found to be suffering from bilateral Pulmonary Tuberculosis and was admitted to West Lane Hospital.

S/S "Shellbrit V". Arrived at the Port on 29th June from Tyne. One of the crew was suspected to be suffering from tuberculosis and was removed to the General Hospital for observation.

S/S "Umgeni". Arrived at the Port on 6th July from South African ports via Hull. The Chief Engineer had been landed at Hull reported to be suffering from tuberculosis.

S/S "City of Pretoria". Arrived at the Port on 9th July. A lascar seaman was removed to the General Hospital for observation suspected to be suffering from tuberculosis.

S/S "Clan Macfarlane." Arrived at the Port on 12th December from India via London and Hamburg. One lascar seaman was seen by the Medical Officer of Health and found to be suffering from tuberculosis. He was given medical attention on board and sailed with the ship for India.

MUMPS.

S/S "Falster". Arrived at the Port on the 26th April. One seaman was found to be suffering from Mumps and was removed to West Lane Isolation Hospital.

MALARIAL FEVER.

S/S "Barnby." Arrived at the Port on 15th May from Takoradi. One of the crew was found to be suffering from Malaria and after treatment he proceeded to his home.

S/S "Aspromonte." Arrived at the Port on 2nd August from Pepel via Dover. Nine suspected cases of Malaria had been landed at Dover and two cases were admitted to West Lane Isolation Hospital for treatment.

S/S "Ramillies." Arrived at the Port on 8th October from Takoradi. Five cases of Malaria had occurred on the voyage.

S/S "Kantule." Arrived at the Port on 20th November from Pepel and Freetown. One suspected case of Malaria was admitted to West Lane Isolation Hospital.

S/S "Kingsford". Arrived at the Port on 12th December from Pepel and Freetown. One suspected case of Malaria was admitted to West Lane Isolation Hospital.

PNEUMONIA.

S/S "Pina Onorato". Arrived at the Port on 21st May from Casablanca. One case of pneumonia had been landed at Dover.

S/S "Northumbrian Coast." Arrived at the Port on 23rd August from London. The Master was found to be suffering from Pneumonia and was removed to hospital.

S/S "Tora Elise." Arrived at the Port on 6th December from Wismar. One suspected case of Pneumonia was removed to hospital.

DYSENTERY.

S/S "Scania". Arrived at the Port on 6th July from La Goulette. One case of suspected Dysentery was removed from the vessel and admitted to West Lane Isolation Hospital.

S/S "Goalpara." Arrived at the Port on 13th July from Calcutta via Boulogne and Dundee. One case of Dysentery had been landed at Dundee.

TYPHOID FEVER.

S/S "Marjata." Arrived at the Port on 10th February. One of the lascar crew had been landed at London to Greenwich Hospital suspected of being a typhoid fever carrier.

PARATYPHOID FEVER.

S/S "Inamo". Arrived at the Port on 2nd May from Grangemouth. One case had been landed at Abo and two suspected cases had been landed at Grangemouth.

INFLUENZA.

S/S "Cudgryfe." Arrived at the Port from Antwerp and Hull on 2nd January. The Master was found to be suffering from Influenza and was given medical attention on board.

S/S "Crosbian". Arrived at the Port on 3rd January from Oporto via London. One of the crew was found to be suffering from Influenza and was given medical attention on board.

S/S "Crichtown". Arrived at the Port on 5th January from Ghent. One of the crew was found to be suffering from Influenza and was given medical attention on board.

S/S "Ljustero." Arrived at the Port on 7th May from Goole. One of the crew was found to be suffering from Influenza and was given medical treatment on board.

RETURN OF CASES OF SICKNESS OR INJURY

found on vessels entering the Port.

Abscess on groin	1
Asthma	2
Accidents	1
Arthritis	1
Appendicitis	2
Bubo	1
Burns	1
Bruised Ankle	1
Bleeding from Rectum	2
Broken finger	1
Boils	1
Broken arm	1
Crushed thumb	1
Collapse	1
Dislocated knee	1
Dermatitis	1
Dysentery	1
Dhobie Itch	1
Eye Injury	1
Eye infection	2
Epilepsy	1
Ear trouble	1
Foot injury	1
Fractured wrist	1
Fractured ribs	2
Head injury	1
Influenza	5
Kidney trouble	1
Lumbago	1
Mumps	1
Malaria	6
Nose injury	1
Orchitis	1
Poisoned hand	2
Poisoned arm	1
Pneumonia	2
Rheumatism	1
Swollen Loin gland	1
Shoulder injury	1
Stomach trouble	8
Suspected Coronory Thrombosis ...	1
Sore throat	2
Suspected Cancer of stomach	1
Sprained knee	1
Thigh injury	1

Tuberculosis	4
Tonsillitis	2
Venereal Disease	7
	82

Of the above, 34 were treated at Hospital or at the Clinic, 45 were given medical treatment on board and 3 were sent home for treatment.

NUMBER OF CASES OF SICKNESS OR INJURY dealt with before arrival at Port.

Burnt hand	1
Cerebral haemorrhage	1
Dysentery	1
Gallstones	1
Heart failure	1
Malarial Fever	14
Pneumonia	1
Paratyphoid Fever	3
Suspected Typhoid Carrier ...	1
Suspected Appendicitis	1
Tuberculosis	1
Venereal Disease	1
	27

Of the above, 24 were treated at Hospitals at the undermentioned Ports :—

Abo	1	Genoa ...	1	London ...	5
Brindisi	1	Grangemouth ...	2	Liverpool ...	1
Dundee ...	1	Hull	1	Takoradi ...	1
Dover	10				

RATS DESTROYED DURING THE YEAR.

TABLE (E).

(1) On Vessels.

Number of Rats	Jan.	Feb.	Mr.	Apr.	May	Jun.	July	Au.	Sep.	Oct.	Nv.	Dec.	Total in Year
Black ...	74	7	27	200	128	279	19	20	20	8	95	20	897
Brown ...	–	–	–	–	–	–	–	–	–	–	–	–	–
Species not recorded ...	–	–	–	–	–	–	–	–	–	–	–	–	–
Examined Bacteriologically	5	3	3	4	7	2	2	2	1	1	2	2	34
Infected with Plague ...	–	–	–	–	–	–	–	–	–	–	–	–	–

19 Mice Destroyed.

TABLE (F).

(2) In Docks, Quays, Wharves and Warehouses.

Number of Rats	Jan.	Fb.	Mr.	Ap.	May	Jun.	July	Au.	Sep.	Oct.	Nv.	Dec.	Total in Year
Black	2	1	2	3	2	2	2	1	–	2	–	2	19
Brown ...	14	7	16	16	14	11	10	14	20	17	15	19	173
Species not recorded ...	–	–	–	–	–	–	–	–	–	–	–	–	–
Examined Bacteriologically	1	–	1	1	1	–	1	1	1	1	–	1	9
Infected with Plague ...	–	–	–	–	–	–	–	–	–	–	–	–	–

TABLE G.

Measures of Rat Destruction on Plague "Infected" or "Suspected" Vessels, or Vessels from Plague infected Ports arriving in the Port during the year.

Total Number of such Vessels arriving (1)	Number of such Vessels fumigated with S.O.2 (2)	Number of Rats killed (3)	Number of such Vessels fumigated with H.C.N. (4)	Number of Rats killed (5)	Number of such vessels on which trapping, poisoning, etc. were employed (6)	Number of Rats killed (7)	Number of such vessels on which measures of Rat destruction were not carried out (8)
–	–	–	–	–	–	–	–

TABLE H*.

Deratisation Certificates and Deratisation Exemption Certificates issued during the year.

Net Tonnage (1)	No. of Ships (2)	No. of Deratisation Certificates issued. After fumigation with H.C.N. (3)	Sulphur (4)	H.C.N. and Sulphur (5)	After Trapping Poisoning, etc. (6)	Total (7)	No. of Deratisation Exemption Certificates issued (8)	Total Certificates issued (9)
Ships up to 300 tons	48	–	–	–	–	–	48	48
Ships from 301 tons to 1,000 tons	14	–	–	–	–	–	14	14
Ships from 1,001 tons to 3,000 tons	38	3	–	–	–	3	35	38
Ships from 3,001 tons to 10,000 tons	87	16	–	–	–	16	71	87
Over 10,000 tons	–	–	–	–	–	–	–	–
Totals ...	187	19	–	–	–	19	168	187

* Applicable only to those Ports approved by the Minister of Health for the issue of Deratisation Certificates and Deratisation Exemption Certificates in accordance with the provisions of Article 28 of the International Sanitary Convention, 1926. (Form Port 11).

HYGIENE OF CREW'S SPACES.

TABLE J.
Classification of Nuisances.

Nationality of vessel	Number inspected during the year	Defects of original construction	Structural defects through wear and tear	Dirt, vermin and other conditions prejudicial to health.
British ...	1,704	1	63	30
Other Nations	1,243	–	12	8

GENERAL SANITARY SUPERVISION.

During the year, 55 informal or verbal notices dealing with 114 nuisances were served.

BRITISH.

Defective galley boiler	1
Defective waste pipe	1
Fresh water to galley to restore	1
Defective chain locker bulkhead	1
Defective geyser	2
Choked scuppers	2
Defective artificial lighting	1
Verminous quarters	30
Defective hot press valve	1
Defective ports	9
Dirty quarters	2
Defective bunk stenchions	1
Defective deck head	1
Defective ventilation	2
Defective sanitary tank	1
Leaking fresh water tank	1
Crews quarters to paint	1
Defective port frame	1
Defective calorifier	1
Deadlight to fit	1
Washbasin trap to fit	1

Calorifier on steering bulkhead to insulate from cabin	1
Defective deck flooring	1
Defective steam pipe in accommodation ...	2
Defective deck lights	1
Defective doors	1
Leaking overhead deck	6
Defective flushing apparatus	5
Defective W.C. seat	1
Defective W.C. pan	1
Defective bunk room	1
Defective radiator	1
Leaking steam pipe valve	2
Defective heating boiler	1
Defective shower	1
Leaking rudder post	1
Defective galley steam valve	1
Defective galley stove	3
Defective galley sink	1
Dirty refrigerator	1
Defective fresh water pump	1
Defective galley and pantry draining boards ...	1
TOTAL BRITISH ...	96

FOREIGN.

Verminous quarters	7
Dirty quarters	1
Defective port glasses	1
Defective stove plates	1
Defective heaters	1
Defective ventilation	1
Defective galley bulkhead	1
Flush water to provide to W.C.	1
Leaking overhead deck	1
Defective stove funnel	1
Defective ports	1
Unsuitable wooden deck cabins	1
	18

NATIONALITY OF FOREIGN VESSELS.

Dutch	450	Swiss	5
Swedish	243	Belgian	4
Norwegian	158	Jugoslavian	4
German	100	Canadian	3
Danish	81	South African	3
Panamanian	42	Turkish	2
Greek	31	Liberian	2
Finnish	30	Syrian	2
Italian	23	Costa Rican	2
French	18	Honduran	1
Spanish	16	New Zealand	1
Portuguese	9	Chilian	1
U.S.A.	6	Polish	1
Indian	5		
		TOTAL	1,243

In the case of one ship, the Master was prosecuted for failing to comply with Port Sanitary Regualtions, 1933, Section 7.

This vessel arrived in the Port on November 18th, having on board a case of sickness which the Master failed to report. The Master also signed a Declaration of Health to the effect that there was no sickness on board whereas he had on board a sick man suffering from symptoms which might have been indicative of infectious disease.

A summons was served on the Master and the case was heard at Middlesbrough on 7th December, the Master being fined £25, and ordered to pay £5/5/0 costs.

VESSELS TREATED FOR VERMIN INFESTATION.

January	6th	"Stanlodge." Crews quarters sprayed with insecticide.
	12th.	"Uffington Court". Crews quarters' sprayed with insecticide.
	27th.	"Sinnington Court." Crews quarters sprayed with insecticide.
	27th.	"Clan Macnair". All accommodation fumigated with H.C.N.
February	19th.	"Ernesto". Crews accommodation sprayed with insecticide.
	24th.	"Andrew T." do. do.
March	24th.	"Kerma". All accommodation fumigated with H.C.N.
April	7th.	"Domby". Galley, pantry, engineers' and stewards' accommodation sprayed with insecticides.
	10th.	"City of Durban." All accommodation fumigated with H.C.N.
	18th.	"Garbeta." ditto.
	20th.	"Cannanore." ditto.
	23rd.	"Itola." ditto.
	24th.	"Fedge". Crews quarters sprayed with insecticide.

May	15th.	"City of Paris". All accommodation fumigated with H.C.N.
	15th.	"Benlomond." ditto.
	23rd.	"Mahadivi." ditto.
	26th.	"Tempo." Crews quarters and galley sprayed with insecticide.
	28th.	"City of Newcastle." All accommodation fumigated with H.C.N.
	29th.	"Brika." All accommodation sprayed with insecticide.
June	7th.	"Kingsford." Galley, engineers' messroom and crews accommodation sprayed with insecticide.
	8th.	"Africana." All accommodation fumigated with H.C.N.
	12th.	"Mount Rhodope." Galley and crews accommodation sprayed with insecticide.
	25th.	"Loch Ramza." All accommodation fumigated with H.C.N.
July	9th.	"Umgeni". ditto.
	18th.	"Ramava." ditto.
August	9th.	"Daghistan". All accommodation sprayed with insecticide.
	21st.	"Tempo." Crews quarters, messroom and galley sprayed with insecticide.
	22nd.	"Mathura." All accommodation fumigated with H.C.N.
Sept.	4th.	"Mount Rhodope." Crews quarters and galley sprayed with insecticide.
	15th.	"Agios Vlasios." Crews quarters and pantry sprayed with insecticide
	25th.	"Garbeta." All accommodation fumigated with H.C.N.
October	9th.	"Ramillies." All accommodation sprayed with insecticide.
	16th.	"Mahsud." Crews quarters sprayed with insecticide.
	22nd.	"Tudor Prince." Crews quarters, galley and pantry sprayed with insecticide.
	30th.	"Blairdevon." Crews quarters sprayed with insecticide.
	30th.	"Hesperia." ditto.
Nov.	12th.	"Malancha." ditto.
	20th.	"George". All accommodation fumigated with H.C.N.
	23rd.	"Coulbreck." Midship accommodation sprayed with insecticide.
	26th.	"Fernmoor." All accommodation fumigated with H.C.N.
	27th.	"Tynebank." ditto.
Dec.	14th.	"Fred." Galley sprayed with insecticide.
	27th.	"City of Paris". Crews quarters, pantry and galley and storeroom sprayed with insecticide.

CASES OF ILLNESS OR INJURY ON BOARD VESSELS.

Reported or dealt with during the year 1951.

Date		Name of Vessel	Where from	Nature of illness	Remarks.
Jan.	3	Eretteo	Bône ...	Eye injury ...	Sent to General Hospital for treatment.
	8	Ardgryfe ...	Antwerp via Hull	Influenza ...	Doctor in attendance.
	11	Crosbian ...	Oporto via London	Influenza ...	Treated by Fed. Doctor.
	12	Jalamoti ...	India via London&Hull	Asthma ...	Doctor in attendance.
	12	Crichtoun ...	Ghent ...	Influenza and ear trouble ...	Doctor in attendance.
	19	Landaura ...	India via U.K. ports	Orchitis	Treated by Fed. Doctor.
	30	Laila Nurminen	Oxelosund ...	Accident—Burns	Seen by Asst. M.O.H. and landed to N. Ormesby Hospital. Recovered and rejoined ship.
Feb.	7	Claire T. ...	London ...	Injury to nose ...	Treated by Fed. Doctor.
	12	Bernhard Blumenfield ...	Hamburg ...	Abscess in groin ...	Treated by Fed. Doctor.
	12	Marjala ...	Australia via London	Suspected typhoid carrier	Landed to Greenwich Seamen's Hospital at London.
	15	Hektor	Narvik ...	Rheumatism ...	Treated by Fed. Doctor.
	15	Hektor	Narvik ...	Stomach trouble	Treated by Fed. Doctor.
	16	Hope ...	Hornillo ...	Sore Throat ...	Seen by Deputy M.O.H. and referred to Fed. Dr.

CASES OF ILLNESS ON BOARD VESSELS—*continued.*

Date	Name of Vessel	Where from	Nature of Illness	Remarks
Feb. 19	Ara	Oxelosund ...	Bruised ankle ...	Treated at General Hospital.
19	Ara	Oxelosund ...	V.D. (2) ...	Referred to Clinic.
19	Lochee ...	Aberdeen	Fractured ribs ...	Treated by Fed. Doctor.
19	Lochee ...	Aberdeen ...	Crushed thumb ...	Treated at North Ormesby Hospital.
22	Goldeve	London ...	Accident ...	Removed to Redcar Hospital.
26	Lionel	Takoradi ...	Injured thigh ...	Removed to General Hospital.
26	Lionel ...	Takoradi ...	Injured foot ...	do.
March 16	Urbino ...	India via Liverpool and Dunkirk	Tuberculosis ...	Removed to West Lane Hospital.
27	City of New York	Far East via Liverpool	Bubo	Treated by Fed. Doctor.
27	do. ...	do. ...	Suspected Cancer	Seen by Fed. Doctor.
27	do. ...	do. ...	Bleeding from Rectum ...	Seen by Fed. Doctor.
April 10	Ebenhaezer ...	Coastwise ...	Sus. Appendicitis...	Landed to Hospital at London.
11	Itola	India via Dundee ...	V.D.	Landed to Hospital at London.
12	John Rehder ...	Wismar ...	Fractured Ribs ...	Attended by Fed. Doctor.
14	Crichtoun ...	Ghent ...	Influenza ...	Attended by Fed. Doctor.
25	Burnhope ...	La Goulette	Death	Died at Reggio—Italy.
26	Falster ...	Gothenburg v. U.K.ports	Mumps ...	Attended by Fed. Doctor. Later landed to West Lane Hospital.

CASES OF ILLNESS ON BOARD VESSELS—*continued.*

Date		Name of Vessel	Where from	Nature of illness	Remarks.
May	2	Innamo ...	Abo v. Leith	Para-typhoid ...	Landed at Abo.
	2	Innamo	Abo v. Leith	Suspected Paratyphoid (2)	Landed at Grangemouth. All crew examined by M.O.H.
	7	Ljustero ...	Gavle ...	Influenza ...	Treated by Fed. Doctor.
	15	Barnby ...	Takoradi ...	Malarial Fever ...	Proceeded home for treatment.
	21	Pina Onorato	Casablanca ...	Pneumonia ...	Landed to hospital at Dover.
June	11	Kortenaer ...	Rotterdam ...	Stomach trouble	Removed to Hospital.
	18	Dovedale H. ...	Ghent ...	Stomach trouble	Attended by Fed. Doctor.
	19	Taurus ...	Rotterdam ... via London	Appendicitis	Landed to hospital at London.
	22	Arundel Hill ...	La Goulette	Knee injury ...	Landed to hospital.
	29	Servus ...	Helsinborg	V.D. (2) ...	Refered to Clinic.
	29	Shellbrit V. ...	Tyne ...	Suspected Tuberculosis	Removed to General Hospital for observation.
July	4	Explorer ...	West Indies ... via Liverpool	Burnt hand ...	Landed at Liverpool.
	6	Scania ...	La Goulette	Suspected Dysentery	Landed to West Lane Hospital.
	6	Umgeni ...	South Africa via Hull	Tuberculosis ...	Landed at Hull.
	7	Charles Dicken	La Goulette	Death	Died at Brindisi.
	9	Kunlabori ...	Hamburg via Goole	Sprained knee ...	Treated by Fed. Doctor.

CASES OF ILLNESS ON BOARD VESSELS—*continued.*

Date	Name of Vessel	Where from	Nature of Illness	Remarks
July 9	City of Pretoria ...	S. Africa via ... Antwerp & U.K. ports	Tuberculosis ...	Removed to General Hospital.
13	Goalpara ...	India v. Dundee	Dysentery ...	Landed at Dundee.
20	Radmanso ...	Luleå ...	Poisoned arm ...	Treated at General Hospital.
23	Aralizz	Oxelosund ...	Boils	Treated by Fed. Doctor.
30	Parita Sun ...	Luleå ...	Appendicitis ...	Treated by Fed. Doctor.
August 1	Fort Enterprise ...	Takoradi ...	Cold & nettle rash	Proceeded home.
2	Aspromonte ...	Pepel via ... Dover	Malaria ...	Landed to Hospital at Dover.
2	Aspromonte ...	do. ...	Malaria (2) ...	Seen by Deputy M.O.H. and landed to West Lane Hospital.
4	Laertes ...	Rotterdam ... via London	Lumbago ...	Treated by Fed. Doctor.
4	do. ...	do. ...	Shoulder injury ...	do.
11	Tora Elise ...	Wismar ...	Head injury ...	do.
14	David Star Jordan	Åbone ...	Dhobie Itch ...	Seen by Deputy M.O.H.
23	Northumbrian Coast ...	London ...	Pneumonia ...	Removed to Hospital.
27	Anna	Almeria ...	Toothache ...	Fed. Dr. in attendance.
	Anna ...	Almeria ...	Cold	do.
	Anna ...	Almeria ...	Ear trouble ...	do.
	Anna ...	Almeria ...	V.D. (2) ...	Referred to Clinic.
Sept. 1	Audax ...	Bizerta ...	Susp. Coronory Thrombosis	Attended by Fed. Doctor and removed to General Hospital.

CASES OF ILLNESS ON BOARD VESSELS—*continued.*

Date	Name of Vessel	Where from	Nature of illness	Remarks.
Sept. 1	Karmas ...	Narvik ...	Poisoned hand ...	Treated by Fed. Doctor.
3	Hopecrest ...	Bône ...	Asthma ...	Treated by Fed. Doctor.
6	Elysian Coast ...	London ...	Susp. Gallstones	Landed to Hospital at London.
13	Crete	Bombay via Oran ...	Sore Throat ...	Examined by M.O.H. and referred to Fed. Doctor.
16	Koningen Juliana	Huelva v. Hull	Swollen glands	Seen by Deputy M.O.H.
16	Agios Vlasios ...	Casablanca ...	Epilepsy ...	Paid off and repatriated.
19	Salerno	Gothenburg via Hull	Tonsillitis ...	Treated by Fed. Doctor.
20	Garbeta ...	Boulogne ...	Accident ...	Died and body landed for burial.
20	do. ...	do. ...	Susp. Tuberculosis	Attended by Doctor.
Oct. 1	Polcirkeln ...	Oxelosund ...	Kidney trouble ...	Seen by Deputy M.O.H. and Fed. Doctor. Treated on board.
1	Good Hope Castle	Belfast ...	Stomach trouble ...	Treated by Fed. Doctor.
8	Ramillies ...	Takoradi ...	Malaria (5) ...	One case landed to hospital at Takoradi. Four cases treated on board during voyage.
Nov. 12	Liberty ...	Lulea ...	Stomach trouble	Attended by Fed. Doctor.
	do. ...	do. ...	Arthritis ...	do.
	do. ...	do. ...	Pain in back ...	do.
	do. ...	do. ...	Bleeding from Anus	do.
20	Kantule ...	Pepel ...	Malaria ...	Seen by Assist. M.O.H. and landed to West Lane Hospital.

CASES OF ILLNESS ON BOARD VESSELS—*continued.*

Date	Name of Vessel	Where from	Nature of illness	Remarks.
Nov. 21	Kantule ...	Pepel ...	Malaria ...	Seen by Asst. M.O.H. and landed to West Lane Hospital.
23	Coulbeck ...	Å Bone ...	Cerebral Haemorrhage ...	Died at Genoa.
24	Kalix	Oxelosund ...	Broken arm ...	Treated at General Hospital.
Dec. 6	Tora Elise ...	Wismar ...	Susp. Pneumonia...	Landed to Hospital.
12	Margarita Chandris ...	Å Bone ...	Eye trouble (2) ...	Attended by Fed. Doctor.
	do. ...	do. ...	Stomach trouble (2)	do.
	do. ...	do. ...	Susp. Appendicitis	do.
	do. ...	do. ...	Broken Finger ...	do.
	do. ...	do. ...	Decayed Teeth ...	do.
12	Clan MacFarlane	India via London and Hamburg	Tuberculosis	Seen by M.O.H. and referred to Fed. Doctor. Repatriated to India.
12	Kingsford ...	Pepel ...	Susp. Malaria ...	Examined by Deputy M.O.H. and landed to West Lane Hospital.
19	Tribesman ...	W. Indies ... via London	V.D.	Referred to Clinic.
27	Indian Merchant	India v. U.K. & Continent	Collapse ...	Treated by Fed. Doctor.
28	Borthwick ...	Antwerp ...	Poisoned hand ...	Treated by Fed. Doctor.
28	Glenearn ...	Hamburg	Tonsillitis ...	Treated by Dr. on board.

(VII). FOOD INSPECTION.

Consignments of foodstuffs have been systematically examined during the year. These consisted of :—Fruit, vegetables, wheat, tea, sugar, syrup, canned meats, cooking fats, desiccated coconut, biscuits, sago flour, tapioca, strawberry pulp, dried peas and general groceries. All were found to be in good condition.

(1). It was not found necessary to take any action under the Public Health (Imported Food) Regulations, 1937, the Public Health (Imported Milk) Regulations, 1926 and the Public Health (Preservatives, etc. in Food) Regulations, 1925-1940.

(2). Shell Fish. In 1932, the River Tees Port Health Authority made Regulations under the Public Health Act, 1896, prohibiting the sale or offering for sale any mussels, cockles, periwinkles, or other shell fish taken from within the district unless and until such shellfish have been re-laid for such a period as may be directed.

There are no beds laid in the Tees Estuary. The River Police keep the collecting of shell fish from the banks of the river under observation. All shell fish in the area are liable to pollution.

No action has been taken during the year under the Public Health (Shell fish) Regulations, 1934, or the Food and Drugs Act, 1938.

(3). Three samples of strawberry pulp which was imported from Holland were submitted for analysis. All were found to be satisfactory and the added preservative was well within the prescribed limits.

Eighteen samples of water were taken from the water boats supplying vessels with drinking water.

MOTOR LAUNCH "MERCIE II".

This launch which was built for the Authority in April, 1949, continues to give very satisfactory service.